



# Installing PowerBook G3 Lombard Processor

## Tools used in this guide

- [Anti-Static Wrist Strap](#) (1)
- [Phillips #0 Screwdriver](#) (1)
- [Spudger](#) (1)

## Parts relevant to this guide

- [G3 Lombard 333 MHz Processor](#) (1)
- [G3 Lombard 400 MHz Processor](#) (1)

This processor board also includes L2 cache. It is not soldered to the logic board, so installing a replacement is very easy.



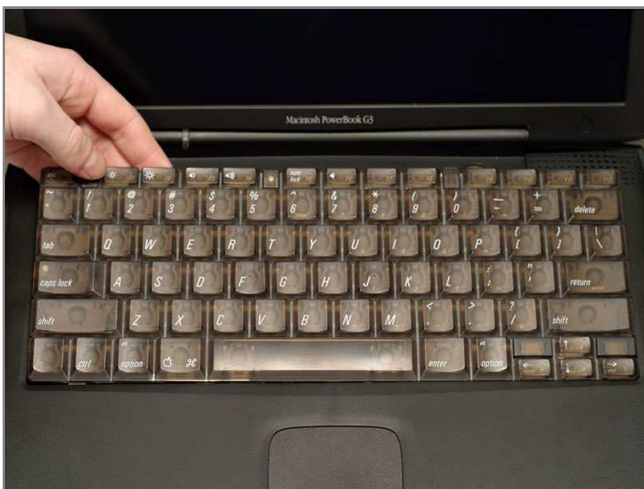
## Step 1 - Keyboard

- Turn the computer so that the ports are facing you.
- If the keyboard is locked, open the port cover and turn the keyboard locking screw until the keyboard is unlocked.



## Step 2

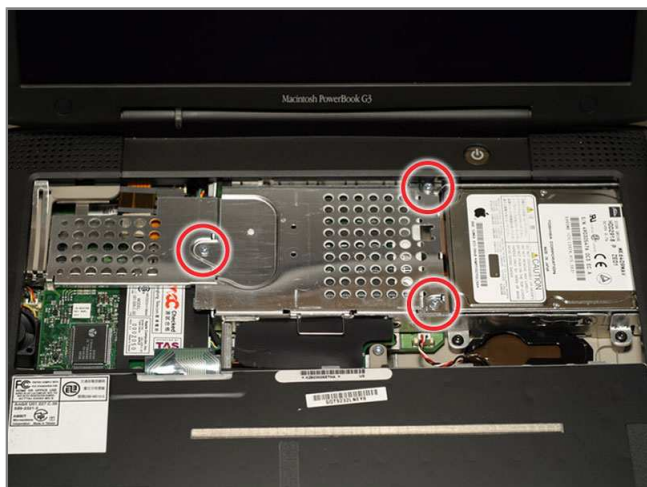
- Pull the keyboard release tabs toward you and lift up on the keyboard until it pops free.
- Make sure you have removed the laptop battery and CD/DVD module from the expansion bays before proceeding.



## Step 3

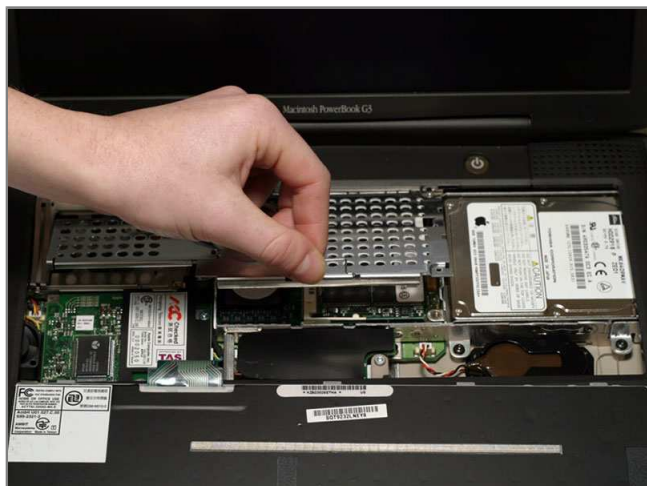
- Lift the keyboard out by pulling it up and away from you. Rest the keyboard, face down, on top of the trackpad.
- In order to replace the keyboard, you must first remove the modem.





### Step 4 - Heat Shield

- Remove the three silver Phillips screws that attach the heat shield to the internal metal framework.



### Step 5

- Lift the heat shield up and pull it toward you.



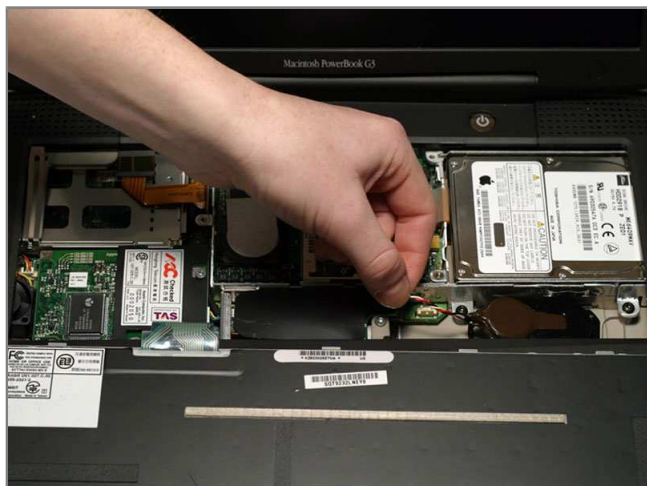
### Step 6

- Your laptop should look approximately like this.



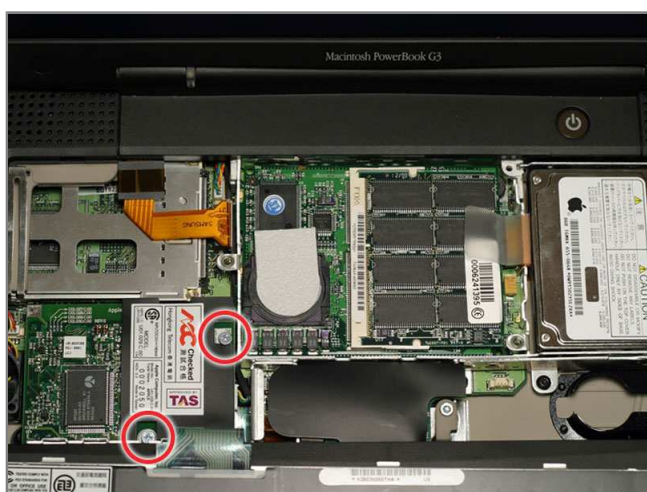
## Step 7 - PRAM Battery

- Pull the battery cable directly up from the logic board.



## Step 8

- Remove the battery from its holder by pulling up and to the left.



## Step 9 - Modem

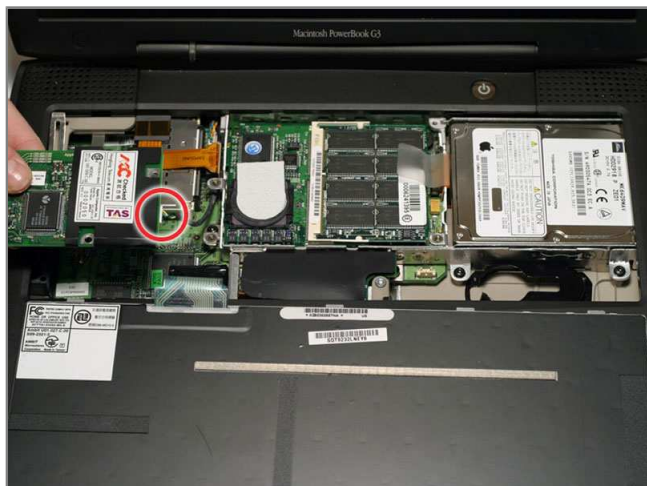
- Remove the two silver Phillips screws from the modem.





## Step 10

- Use a spudger, the tips of your fingers, or a flat non-metal tool to get under the modem's edge and pry it up from its socket as shown in the picture.



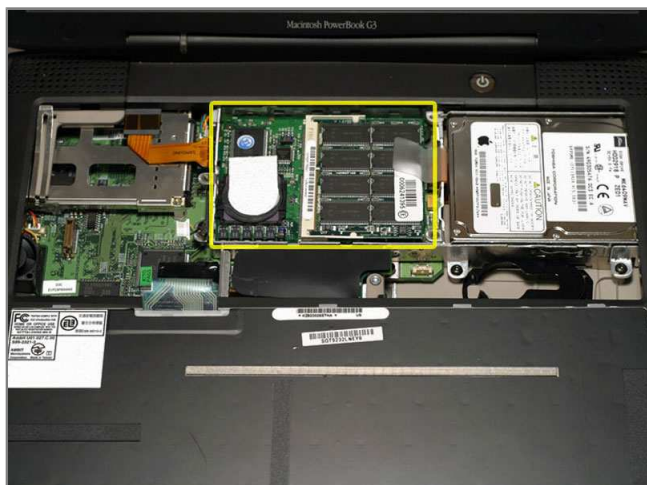
## Step 11

- Disconnect the cable from the right side of the modem.



## Step 12

- Your laptop should look approximately like this.



## Step 13 - Processor

- Use a spudger, the tips of your fingers, or a flat non-metal tool to pry up the processor's right side.



## Step 14

- Disconnect the keyboard cable from the logic board by pulling directly up on the clear plastic loop.
- This step is out of sequence with the keyboard because in order to remove the keyboard you must first remove the modem.



## Step 15

- Your laptop should look approximately like this.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on Dec 13, 2010.

## G3 Lombard Screw Guide

